

Work Order ID 140269***140269***

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Friday, January 15, 2016 9:57:03 AM

Item ID: D412-711-111 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Wiring Harness For Vertical Reference Door
Start Date: 12/18/2015 Start Qty: 2.00 *?
Required Date: 12/18/2015 Req'd Qty: 2.00 *?
Cust Item ID:
Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
N/A	Rev N/A

100 0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 30812 to Eagle Copters

Ship D4268-043 qty1

Certificate of Conformity is required

110 0.00

110

Receive & Inspect for Damage & Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure that Certificate of Conformity is attached

 **DAS**
42
9-89 JAN 15 2016

 **DAS**
42
9-89 JAN 15 2016

Work Order ID 140269

Friday, January 15, 2016 9:57:04 AM

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Item ID: D412-711-111

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Wiring Harness For Vertical Reference Door

Stop ***NS2***

Start Date: 12/18/2015 Start Qty: 2.00

2

Cust Item ID:

Required Date: 12/18/2015 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00 0.00					DAS 42 9-89		JAN 15 2016
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo	0.00 0.00					DAS 42 9-89		JAN 15 2016
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							JAN 29 2016

W 1601.29

Picklist Print

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Friday, January 15, 2016 9:57:18 AM

Work Order ID: 140269

140269

Parent Item: D412-711-111

D412-711-111

Parent Item Name: Wiring Harness For Vertical Reference Door

Start Date: 12/18/2015

Required Date: 12/18/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A04.11.09New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4268-043		Manufactured	No				Each	2.0000		2			
D4268-043									**				
Instrument Panel													
				<u>Location</u>				<u>Loc Qty</u>					
				ST228B				2					
				132064				1					
				140270				1					
D412-711-111P		Purchased	No			110	Each	0.0000	1	2			
D412-711-111P									**				
Wiring Harness													

DAS
42
9-89 JAN 15 2016

DAS
42
9-89 JAN 15 2016

Work Order Number: 52607

Build Vertical Reference Door Harness

This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.

Item: 2 Wiring Harness For Vertical Reference Door

Squawk: 2.1Discrepancy:

Manufacture Bell 212
Vertical reference door
electrical harness IAW STC
SH92-55.

Resolution:

Manufactured Bell 212
Vertical reference door
electrical harness IAW STC
SH92-55.

2.1 Work Done By: Clint Beattie (CBEATTIE)

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.**AMO 6-81** Signature: Clint Beattie (CBEATTIE) on 12/15/2015Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
MS3476W10-6S	CONNECTOR		LT-15-005538	New	1
MS3470W10-6P	CONNECTOR		LT-15-004382	New	1
MS3470W8-33P	CONNECTOR		LT-13-002660	New	1
MS3470W8-33PW	CONNECTOR		LT-14-010496	New	1
MS3470W12-10P	CONNECTOR		LT-13-002666	New	1
MS25041-6-327	LIGHT ASSEMBLY		LT-11-010028	New	2
MS25041-8-327	LIGHT ASSY		LT-014814	New	1
MS3476W8-33S	CONNECTOR		LT-15-009630	New	1
MS3476W8-33SW	CONNECTOR		LT-15-009631	New	1
MS3476W12-10SW	CONNECTOR		LT-15-009629	New	1
MS3470W12-10PW	CONNECTOR		LT-15-009628	New	1
126-195	CONNECTOR		LT-15-009558	New	1
126-198	Connector		LT-15-009557	New	1
M85049/31-10W	BACKSHELL		LT-14-011885.1	New	3
M85049/31-12W	BACKSHELL		LT-14-001587.1	New	4
M85049/31-8W	BACKSHELL		LT-14-001582	New	2
M85049/31-8W	BACKSHELL		LT-15-009634	New	1
M22759/41-22-9	WIRE		LT-14-006568	New	250
M22759/41-20-9	WIRE		LT-14-014138	New	50
M22759/41-22-9	WIRE		LT-15-009578	New	15
M22759/41-20-9	WIRE		LT-14-014138	New	15

* End of Report *

***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at *****

***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****

EAGLE COPTERS MAINTENANCE LTD.

823 McTAVISH ROAD N.E., CALGARY, ALBERTA T2E 7G9

D.O.T. APPROVAL No. **6-81**

Nomenclature **VERTICAL REFERENCE DOOR HARNESS**

Manufacturer Type/Model

Part No. **412-711-111** Serial No. **N/A**

Total time: Work Order **52607**

T.S.O. Overhaul ☐ NEW ☐

Inspected ☒ Tested ☐ Repair ☐ Modification ☐ Removal ☐

Previous Certification

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

28 JAN 16

DATE

NAME OR AUTHORIZED INSPECTOR

LIC. No. / STAMP

Details of outstanding work and other information on reverse.

MAINTENANCE RELEASE

Work Order ID 140269

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Friday, December 18, 2015 3:33:00 PM

Item ID: D412-711-111 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Wiring Harness For Vertical Reference Door
 Start Date: 12/18/2015 Start Qty: 2.00 *2* Cust Item ID:
 Required Date: 12/18/2015 Req'd Qty: 2.00 *2* Customer:
 Reference:

Approvals: Process Plan: JMF Date: 15-12-18 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								

100 PURCHASING 0.00

100

Purchasing

Purchasing

PURCHASING

Memo

Issue P/O: 30812 to Eagle Copters

Ship D4268-043 qty1

0.00

140270 / 132064

u 15-12-22

Certificate of Conformity is required

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging

Packaging

Memo

Ensure that Certificate of Conformity is attached

0.00

u 16-01-29

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								

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Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item Name: Wiring Harness For Vertical Reference Door

Start Date: 12/18/2015 **Start Qty:** 2.00 ***2***

Cust Item ID:

Required Date: 12/18/2015 **Req'd Qty:** 2.00 ***2***

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120 QC4- 100% Inspect kits for completeness

0.00

120

QC	Memo	0.00
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Quality Control

130	Identify as per dwg & Stock Location:	0.00
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0.00

130

Packaging	Memo	0.00
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Packaging

140	QC21- Final Inspection - Work Order Release	0.00
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0.00

140

QC	Memo	0.00
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Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Picklist Print

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Work Order ID: 140269

140269

Parent Item: D412-711-111

D412-711-111

Parent Item Name: Wiring Harness For Vertical Reference Door

Start Date: 12/18/2015

Required Date: 12/18/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A04.11.09New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-711-111P		Purchased	No			110	Each	0.0000	1	2			
D412-711-111P									**				
Wiring Harness													
D4268-043		Manufactured	No				Each	1.0000		2			
D4268-043									**				
Instrument Panel													

Location

ST228B

132064

Loc Qty

1

1

Loc Code

1X 140220

MF

18-01-06

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							